

## A SYSTEM AND METHOD FOR STORAGE OF DEVICE PERFORMANCE DATA

### ABSTRACT

5           The present invention is directed to an apparatus and method for storage of device performance data and repair systems. In an exemplary embodiment, a data recorder includes a memory device connected to at least one device for storing performance data obtained from the device wherein the memory device is accessible after failure of the device. In an additional embodiment of the present invention, a system and method for  
10   optimizing device performance includes determining an operating system type, saving the operating system type in a data recorder and loading a firmware module based on the saved type. In a further exemplary embodiment of the present invention, a system and method for preventing loss of device performance data includes obtaining performance data from a device and storing the performance data on a data recorder wherein the data  
15   recorder is accessible after failure of the device. It may be desirable to store performance data to the data recorder so as not to affect the operation of the device. In yet another exemplary embodiment, a system and method for restoring a corrupted data structure with device self stored repair tools includes determining whether a data structure of an operating system is corrupted and restoring the data structure from data recorder data if  
20   the data structure is corrupted.